Printed-circuit board connector - DMCV 1,5/10-G1-3,5 P20THR - 1787289

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR

The figure shows a 10-pos. version with 20 contacts

Why buy this product

- Taped headers available on request
- Headers with flange can be combined with plugs with screw flange or with Lock & Release levers
- At 8 mm, the distance from the edge of the PCB to the first row of holes is compatible with MC headers
- Extremely small THR double-level headers for SMT and wave soldering processes

Key commercial data

Packing unit	50 pc
GTIN	4 046356 596909
Weight per Piece (excluding packing)	2.22 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	10.6 mm
Height	12 mm
Pitch	3.5 mm
Dimension a	31.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5.50 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	DMCV 1,5/..-G1-THR
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Maximum load current	8 A
Insulating material	LCP
Inflammability class according to UL 94	V0
Color	black
Number of positions	10

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

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Approvals

Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	50 V

cUL Recognized

	B	C
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung

Nominal current IN	8 A
Nominal voltage UN	160 V

IECEE CB Scheme

Nominal current IN	8 A
Nominal voltage UN	160 V

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Approvals

cULus Recognized

Accessories

Accessories

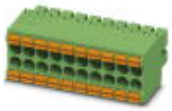
Coding element

Coding profile - CP-DMC 1,5 NAT - 1790647

Coding profile, for plugging into the coding ribs of the plug or header at a later date, insulating material, color: natural

Additional products

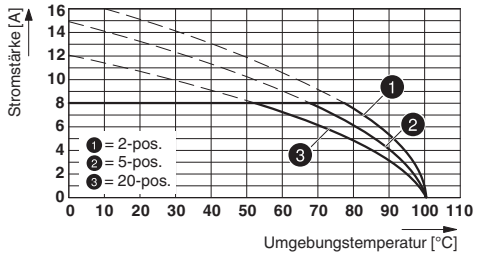
Printed-circuit board connector - DFMC 1,5/10-ST-3,5 - 1790182



Plug, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10 with 20 contacts, pitch: 3.5 mm, connection method: spring-cage connection, color: green, contact surface: tin

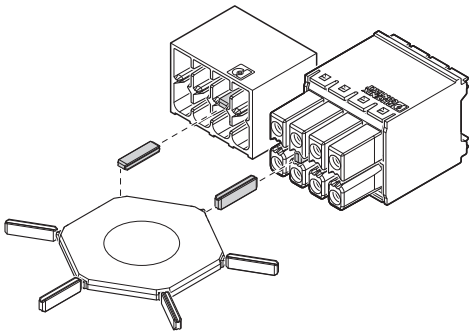
Drawings

Diagram



Typ: DFMC 1,5/..-ST-3,5 with DMCV 1,5/..-G1-3,5 P20 THR

Schematic diagram



Use of the CP-DMC... coding profile

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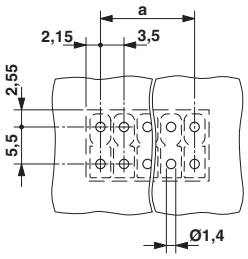
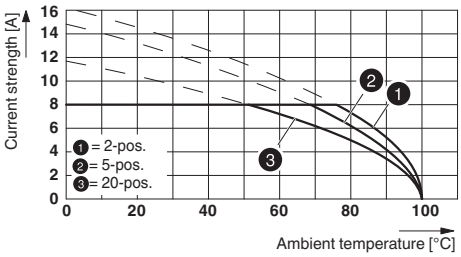
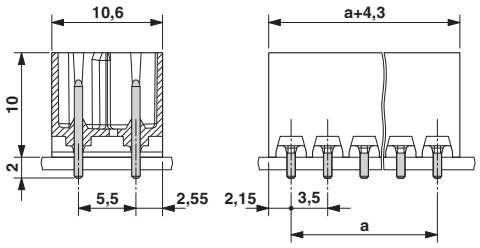
Drilling diagram



Diagram



Dimensioned drawing



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